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ExxonMobil expands Mobil SHC™ Aware™ range with new grease and hydraulic oils

Environmentally Acceptable Lubricants (EALs) combine superior features with regulatory compliance for excellent performance in challenging marine conditions

- Both products are formulated to be readily biodegradable
- Hydraulic oils have excellent demulsibility, easing water removal in critical applications
- Grease offers outstanding rust and corrosion protection, as well as resistance to water washout

London 06 May 2021 – ExxonMobil has added Mobil SHC™ Aware™ Hydraulic Series oils and Mobil SHC™ Aware™ Grease EP 0 to its range of high performance marine lubricants. Both are formulated to meet the US Vessel General Permit (VGP) requirements for Environmentally Acceptable Lubricants (EALs)¹ making them ideal for deck and underwater machinery operating in areas where environmental protection regulations are in force. The lubricants offer excellent protection, even in challenging marine operating conditions. The hydraulic oils also meet EU Ecolabel regulations.

Mobil SHC Aware Hydraulic Series can be used in hydraulic winches, ramps, hatches, doors, cranes, pumps and other deck equipment. Its balanced formulation helps to deliver a range of performance benefits, including:

- Protection across a wide temperature range
- Superior low-temperature start-up²
- High resistance to oxidation and thermal damage² as well as excellent shear stability, which helps ensure a long operating life

Mobil SHC Aware Hydraulic Series oils have the potential to improve hydraulic efficiency, compared with ExxonMobil's standard hydraulic fluids³. The lubricants can also protect system components against wear and scuffing, which can deliver long equipment life and reduce maintenance between dry docks.

Mobil SHC Aware Grease EP 0 is especially suitable for use in rudder stocks. Benefits include:

- Reliable performance across a wide temperature range
- Excellent bearing protection, as well as rust and corrosion resistance
- Superb adhesion and resistance to water washout, avoiding the need for frequent regreasing

“Vessel operators increasingly need lubricants that combine high performance with regulatory compliance – that’s why we are adding Mobil SHC Aware Hydraulic Series and

Mobil SHC Aware Grease EP 0 to our range of EALs,” said Frans Horjus, global marine lubricants sales manager at ExxonMobil. “The lubricants provide outstanding performance across a range of applications, even under harsh conditions, safeguarding equipment against unscheduled maintenance and associated costs.”

Click [here](#) to discover more about ExxonMobil’s SHC™ Aware™ range of EALs.

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¹ Environmentally acceptable lubricants are defined in the United States Environmental Protection Agency’s (EPA) 2013 Vessel General Permit (VGP) as lubricants that are biodegradable, minimally toxic and non-bioaccumulative

² Compared with conventional mineral lubricants

³ Hydraulic efficiency relates solely to the fluid performance when compared with ExxonMobil’s standard hydraulic fluids. The technology used provides up to 3.6% efficiency compared with ExxonMobil’s standard hydraulic fluids when tested in an Eaton 25VMQ vane pump under controlled conditions in accordance with applicable industry standards and protocols. Efficiency improvements will vary based on lubricants previously used, operating conditions and application.

About ExxonMobil

ExxonMobil, one of the largest publicly traded international energy companies, uses technology and innovation to help meet the world’s growing energy needs. ExxonMobil holds an industry-leading inventory of resources, is one of the largest refiners and marketers of petroleum products, and its chemical company is one of the largest in the world. To learn more, visit exxonmobil.com and the [Energy Factor](#).

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